

Application No. 10/816,114
AMENDMENT AND RESPONSE TO RESTRICTION
REQUIREMENT dated November 17, 2005
Reply to Office Action of August 17, 2005

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

Claims 1-10 (Canceled)

11. (Original) A probe station for testing a specimen, the probe station comprising:

a housing defining an interior space within which a specimen is placed for testing;

a carrier for supporting the specimen during testing;

a probe assembly located within the interior space for testing the specimen;

and

an environmental control system associated with the housing and including a heat transfer fluid that substantially maintains the interior space of the housing at a desired temperature for testing.

12. (Original) The probe station of claim 11 wherein the housing comprises a vacuum chamber and the environmental control comprises a conduit disposed within the chamber for carrying the heat transfer fluid therein.

13. The probe station of claim 11 further comprising a drive system for shifting at least one of the probe assembly and the carrier to a test position; and

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the environmental control system comprises a conduit positioned about the drive system for transferring heat generated therefrom to the fluid and out of the interior space so that the specimen may be tested at a desired temperature.

14. (Original) The probe station of claim 11 wherein the environmental control system comprises at least one fluid carrying conduit that carries the fluid to pass through the housing to transfer heat from within the interior space out of the housing.

Claims 15-16 (Canceled)